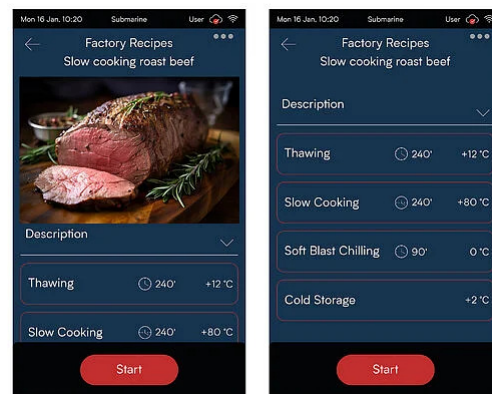


## Freedom to create

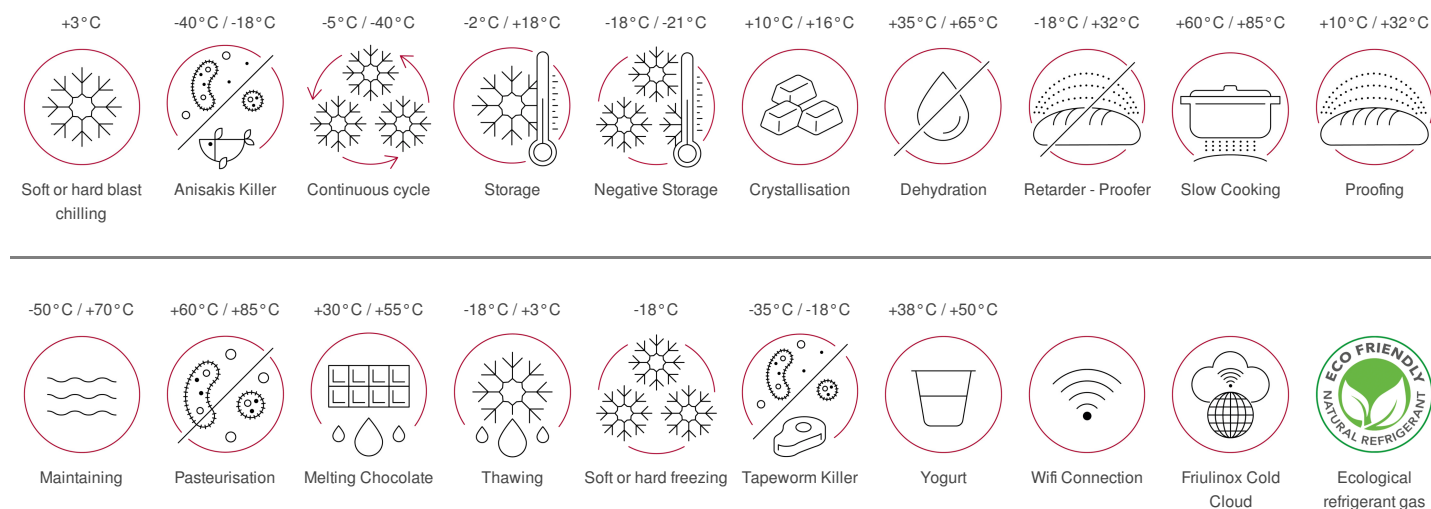
Positive and negative blast chilling, thawing, proofing and retarder-proofer, pasteurization, slow cooking, maintaining the temperature, drying...are just some of the functions that can be managed immediately and precisely, individually or by connecting them in a single flow.



Model: **SBM-061-HA-R290**

**Submarine**

SUBMARINE MULTIFUNCTION, CABINET - 6 X GN 1/1 - 6 X EN1. +85 / -40 °C - AIR CONDENSING UNIT



CE CB IPX4

## CONTROL MECHANISMS

- 7" touch screen color display with control interface
- Quick-release heated core probe with 4 measuring points
- Control-activated chamber sanitisation system with active ions (HI-GIENE)
- Photo-identifiable processes
- USB connection for uploading and downloading data/recipes
- IoT connectivity as standard
- Water inlet valve.
- Alarm viewing.
- Anti-odour door lock.
- Internal fan stop by micro switch when door is opened.

## STRUCTURAL CHARACTERISTICS

- External Scotch Brite satin finish stainless steel.
- High density CFC and HCFC-free PU insulation (42 kg/m3).
- Highly ventilated evaporator to ensure the cooling system's maximum efficiency
- Stainless steel internal coating with fully rounded corners
- Die-moulded and leakproof internal base
- Anti-condensation heating element located on the box under the magnetic seal stop
- Strongbox ergonomic handle
- Magnetic seal on 4 sides of the door
- Indirect-flow electric fans - made of composite material - on the product
- Side guide-supporting uprights with 18 mm-pitch holes
- Compressor-protecting automatic-reset thermal circuit breaker
- Copper-aluminium evaporating coil, cataphoresis-painted
- Copper condensing coil with high thermal efficiency aluminium fins
- Patented chamber humidity-injecting system

## OPERATION

- Ethernet connection for HACCP Log download and remote service.
- Automatic storage at the end of the blast chilling cycle.
- Multilevel function.
- Drying.
- Cell pre-cooling.
- Automatic defrost cycles.
- Wi-Fi connection for HACCP Log download and remote service.

## CLEANING AND MAINTENANCE

- Easy to wash and hygienic safety due to the suspended evaporator coil.
- Easy to clean in accordance with UNI EN 14159 hygiene regulations.

## INSTALLATION AND ENVIRONMENT

- Quality ISO 9001 / Safety ISO 45001 / Environmental ISO 14001 certification.
- 100% recyclable packaging.

## CONDENSING UNITS

- Automatic defrost and defrost water self evaporating without the use of energy.
- R290 ecological refrigerant gas

## STANDARD EQUIPMENT

- UNEQUIPPED REMOVABLE GRILL-HOLDING PANELS IN AISI 304 18/10 STAINLESS STEEL, WITH DOUBLE L-SHAPED GUIDES
- USB CONNECTION FOR UPLOADS AND DOWNLOADS
- QUICK-RELEASE HEATED CORE PROBE WITH 4 MEASURING POINTS

OPTIONAL TO BE REQUESTED WHEN ORDERING

CA-061: WOODEN CRATE PACKAGING

KRT-01: WHEEL KIT WITH BRAKE

PSX-061: LEFT HINGED DOOR

EXTRA ACCESSORIES THAT CAN BE INSTALLED FOLLOWING PURCHASE

TS-061-208-1N-60Hz-HO: 208-1N-60HZ-HO

Capacity

|                                 |                      |      |      |     |
|---------------------------------|----------------------|------|------|-----|
| Capacity                        | 6 x 1/1 GN - 6 x EN1 |      |      |     |
| No. of layers - h 20            | 10                   |      |      |     |
| Distance between layers - h 20  | mm                   | 35   | inch | 1.4 |
| No. of layers - h 40            | 6                    |      |      |     |
| Distance between layers - h 40  | mm                   | 52.5 | inch | 2.1 |
| No. of layers - h 65            | 5                    |      |      |     |
| Distance between layers - h 65  | mm                   | 70   | inch | 2.8 |
| Minimum distance between layers | mm                   | 17.5 | inch | 0.7 |

Dimensions

|                           |    |      |      |       |
|---------------------------|----|------|------|-------|
| Width                     | mm | 790  | inch | 31.1  |
| Depth                     | mm | 820  | inch | 32.3  |
| Height                    | mm | 900  | inch | 35.4  |
| Packaging width           | mm | 830  | inch | 32.7  |
| Packing depth             | mm | 920  | inch | 36.2  |
| Packaging height          | mm | 1050 | inch | 41.3  |
| Net weight                | kg | 110  | lbs  | 242.6 |
| Gross weight              | kg | 150  | lbs  | 330.8 |
| Volume                    | m3 | 0.6  | ft3  | 21.2  |
| Packing volume            | m3 | 0.8  | ft3  | 28.3  |
| Useful Inner Width        | mm | 670  | inch | 26.4  |
| Door height               | mm | 400  | inch | 15.7  |
| Inner depth               | mm | 435  | inch | 17.1  |
| PU insulation - Thickness | mm | 60   | inch | 2.4   |

Technical Data

|                                |                            |                 |      |     |
|--------------------------------|----------------------------|-----------------|------|-----|
| Working temperature            | °C                         | +85 °C / -40 °C | °F   | NaN |
| Motor                          | Air-cooled condensing unit |                 |      |     |
| PU insulation - Thickness      | mm                         | 60              | inch | 2.4 |
| Climate class                  | 5                          |                 |      |     |
| GWP - Global Warming Potential | 3                          |                 |      |     |
| Refrigerant - Type             | R290                       |                 |      |     |
| Refrigerant - Quantity         | g                          | 150             | g    |     |

Power supply

|                       |             |       |  |  |
|-----------------------|-------------|-------|--|--|
| Power supply voltage  | 1N-AC 230 V |       |  |  |
| Electrical absorption | A           | 10.21 |  |  |
| Frequency             | Hz          | 50    |  |  |
| Total electric power  | kW          | 1.926 |  |  |
| Cooling power         | kW          | 1,137 |  |  |
| Heating power         | kW          | 0.5   |  |  |

Blast chilling

|                                                                       |           |       |     |      |
|-----------------------------------------------------------------------|-----------|-------|-----|------|
| Blast Chilling Capacity in 90'   +90 / +3 °C                          | kg        | 35    | lbs | 77.2 |
| Freezing Capacity in 240'    +90 / -18 °C                             | kg        | 25    | lbs | 55.1 |
| Blast Chilling Capacity in 120'    +65 / +10 °C - BC standard EN17032 | kg        | 30    | lbs | 66.2 |
| Freezing Capacity in 270'    +65 / -18 °C                             | kg        | 20    | lbs | 44.1 |
| Blast Chilling cycle time - BC standard EN17032                       | min       | 94    |     |      |
| Freezing cycle time - BF standard EN17032                             | min       | 266   |     |      |
| Blast Chilling energy consumed - BC standard EN17032                  | kW h / kg | 0.062 |     |      |
| Freezing cycle energy consumed - BF standard EN17032                  | kW h / kg | 0.221 |     |      |

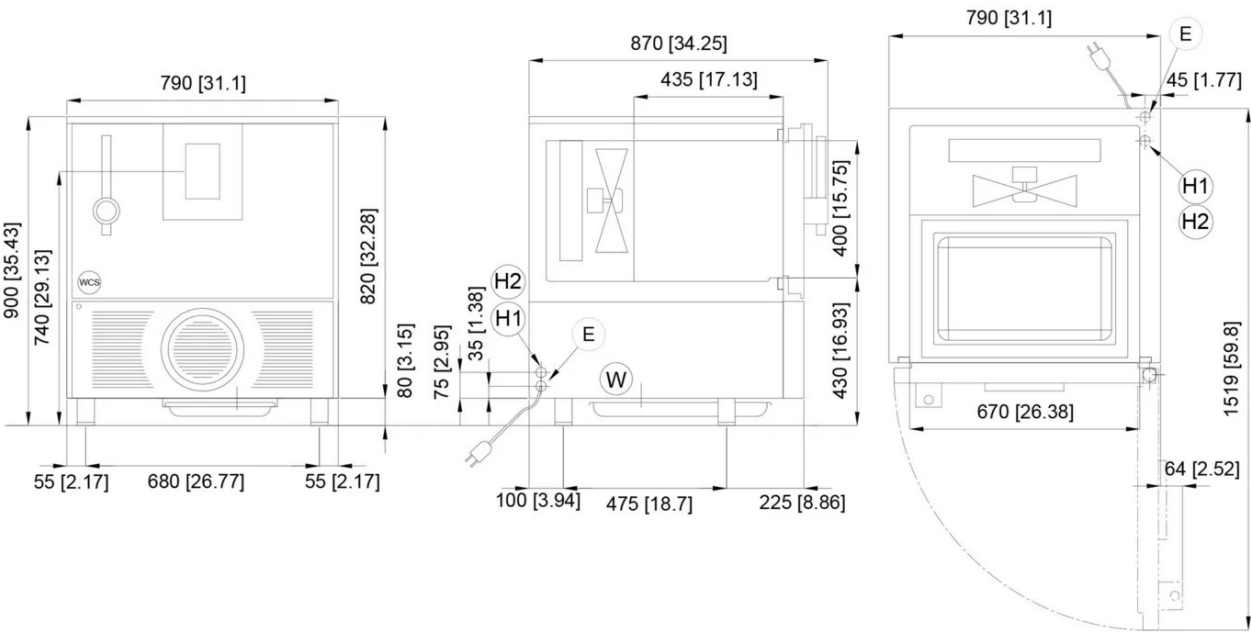
Water Connection

|               |    |    |      |     |
|---------------|----|----|------|-----|
| Discharge - ø | mm | 51 | inch | 2.0 |
|---------------|----|----|------|-----|

Emissions

|           |    |      |  |  |
|-----------|----|------|--|--|
| Noisiness | db | < 70 |  |  |
|-----------|----|------|--|--|

\* BT - Evap. temp. -25°C / Cond. temp. +45°C.



DIMENSIONI mm  
DIMENSIONS [in]

- E CONNESSIONE ELETTRICA  
ELECTRICAL CONNECTION
- W CONNESSIONE SCARICO OPZIONALE  
OPTIONAL DRAIN CONNECTION
- H1 CONNESSIONE INGRESSO H2O 1/2"  
INLET WATER CONNECTION 1/2"
- H2 CONNESSIONE USCITA H2O 1/2"  
EXHAUST WATER CONNECTION 1/2"
- WCS CONNESSIONE OPZIONALE PER DOCCETTA ESTERNA  
CONNECTION OPTIONAL FOR HAND SHOWER